

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041725\
 Data File : VX045826.D
 Acq On : 17 Apr 2025 14:22
 Operator : JC/MD
 Sample : Q1816-01 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 441

Quant Time: Apr 18 03:39:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

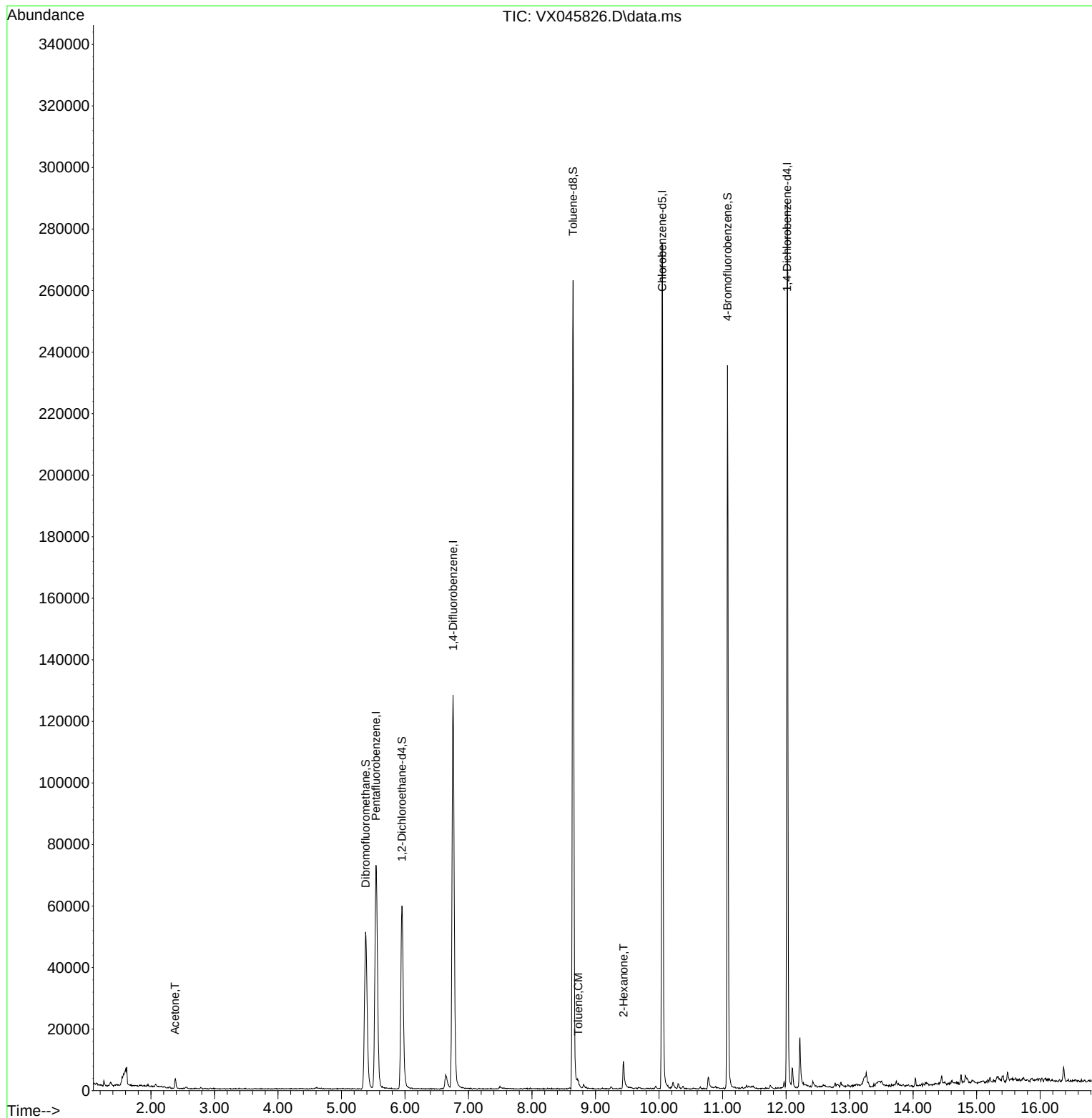
Internal Standards						
1) Pentafluorobenzene	5.544	168	61554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	122462	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61631	54.751	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.500%			
35) Dibromofluoromethane	5.379	113	44669	51.411	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.820%			
50) Toluene-d8	8.647	98	153305	50.551	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.100%			
62) 4-Bromofluorobenzene	11.079	95	61687	55.843	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.680%			
Target Compounds						
16) Acetone	2.380	43	3598	7.784	ug/l	90
52) Toluene	8.726	92	617	0.285	ug/l	89
59) 2-Hexanone	9.439	43	6913	6.285	ug/l	100

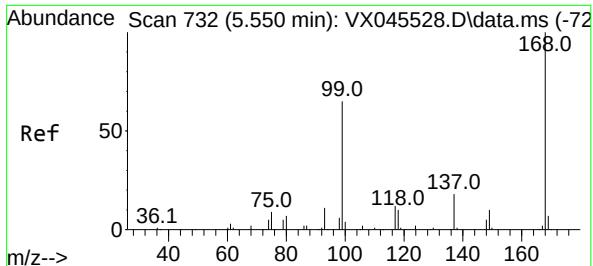
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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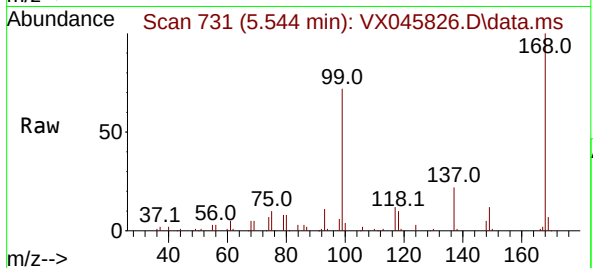
Quant Time: Apr 18 03:39:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
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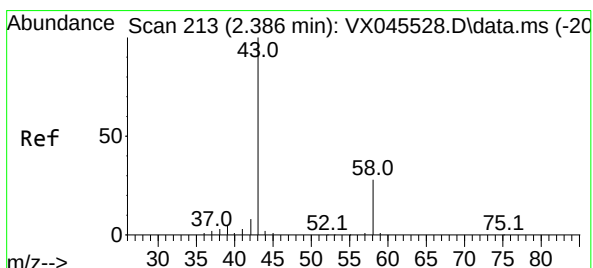
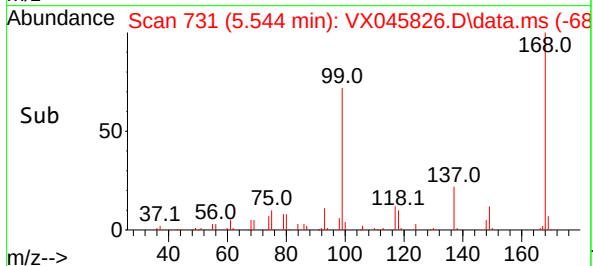
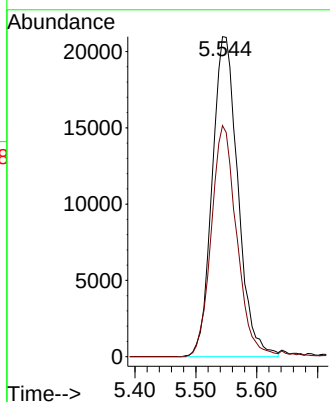


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045826.D
Acq: 17 Apr 2025 14:22

Instrument :
MSVOA_X
ClientSampleId :
441

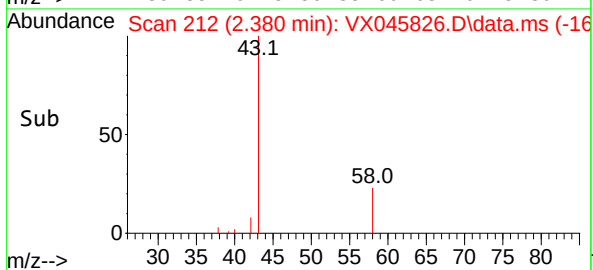
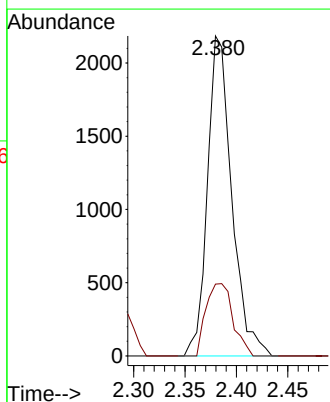
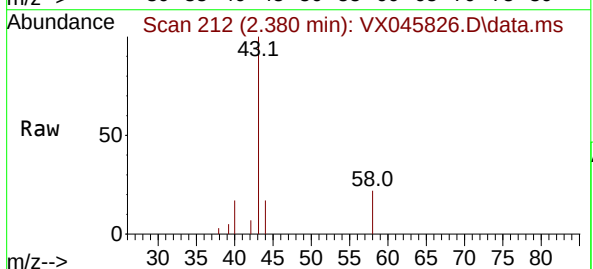


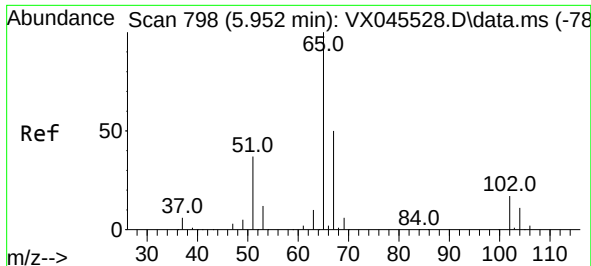
Tgt Ion:168 Resp: 61554
Ion Ratio Lower Upper
168 100
99 72.2 52.3 78.5



#16
Acetone
Concen: 7.784 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045826.D
Acq: 17 Apr 2025 14:22

Tgt Ion: 43 Resp: 3598
Ion Ratio Lower Upper
43 100
58 22.4 22.3 33.5





#33

1,2-Dichloroethane-d4

Concen: 54.751 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045826.D

Acq: 17 Apr 2025 14:22

Instrument :

MSVOA_X

ClientSampleId :

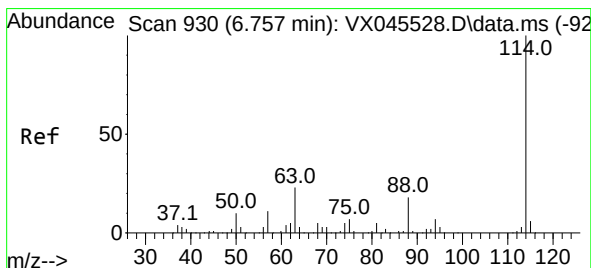
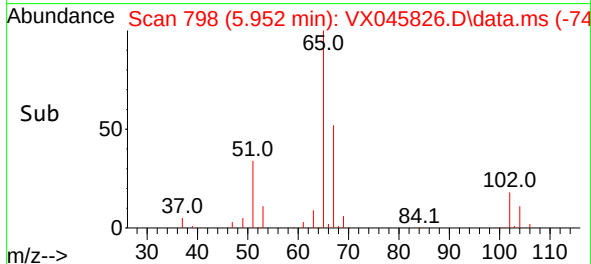
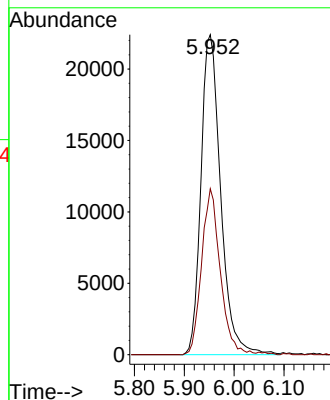
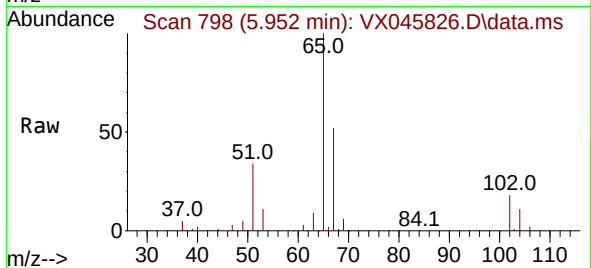
441

Tgt Ion: 65 Resp: 61631

Ion Ratio Lower Upper

65 100

67 48.9 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045826.D

Acq: 17 Apr 2025 14:22

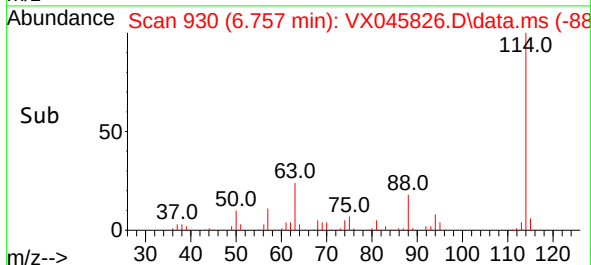
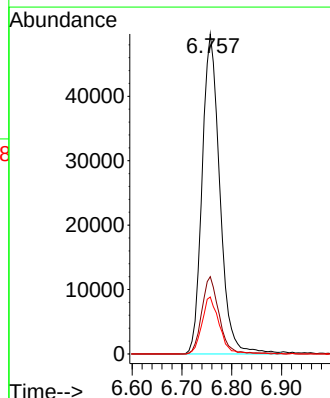
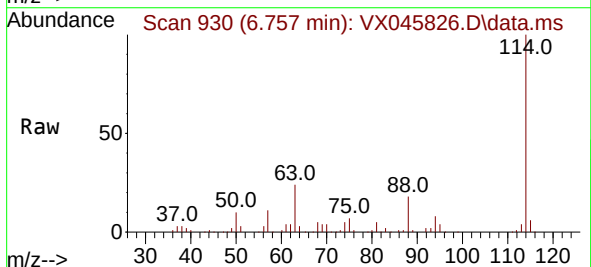
Tgt Ion: 114 Resp: 122462

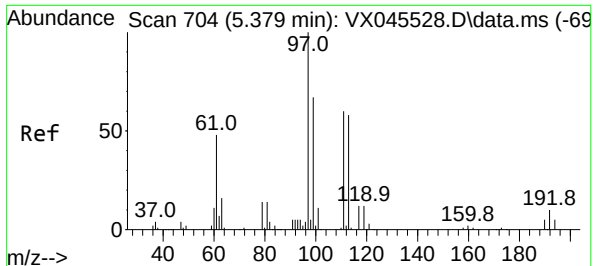
Ion Ratio Lower Upper

114 100

63 24.1 0.0 46.8

88 17.8 0.0 35.4





#35

Dibromofluoromethane

Concen: 51.411 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX045826.D

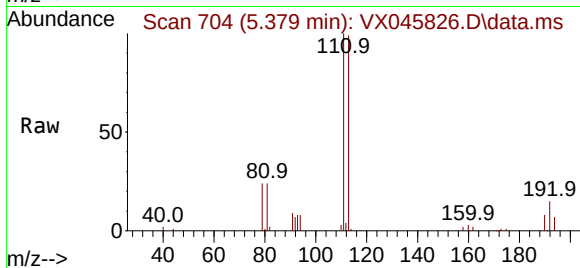
Acq: 17 Apr 2025 14:22

Instrument :

MSVOA_X

ClientSampleId :

441



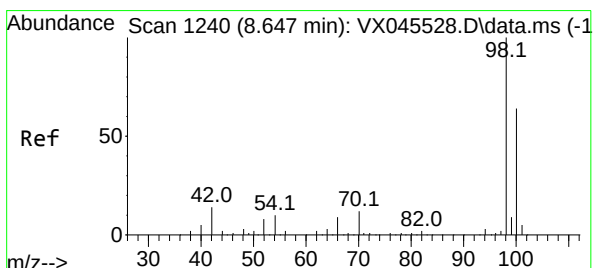
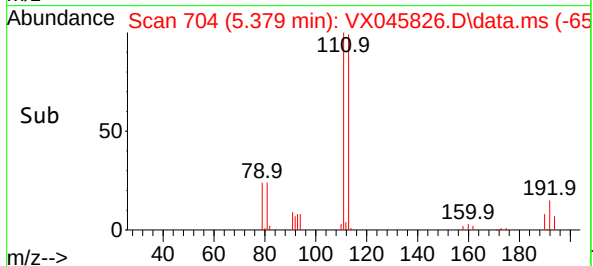
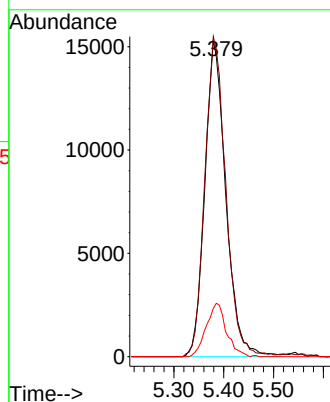
Tgt Ion:113 Resp: 44669

Ion Ratio Lower Upper

113 100

111 101.5 81.8 122.6

192 16.2 13.8 20.6



#50

Toluene-d8

Concen: 50.551 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX045826.D

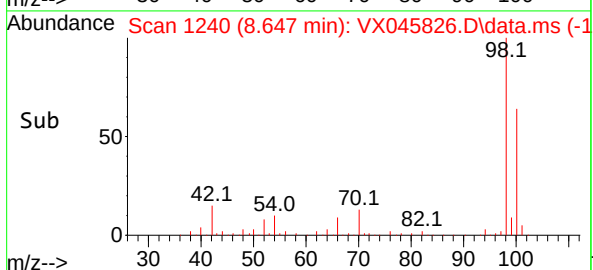
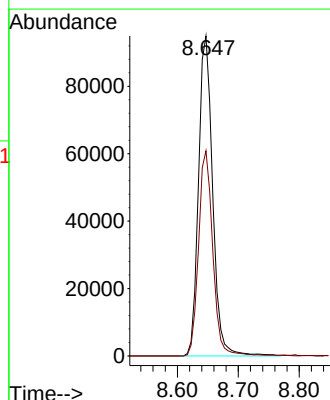
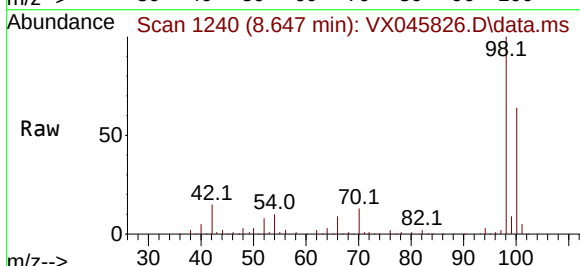
Acq: 17 Apr 2025 14:22

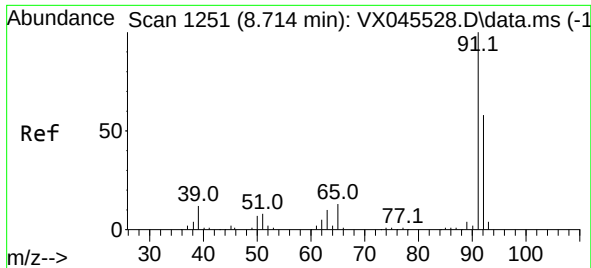
Tgt Ion: 98 Resp: 153305

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.4





#52

Toluene

Concen: 0.285 ug/l

RT: 8.726 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX045826.D

Acq: 17 Apr 2025 14:22

Instrument :

MSVOA_X

ClientSampleId :

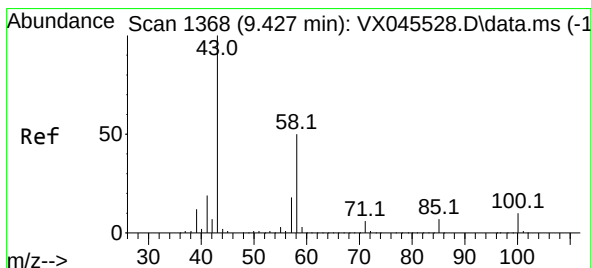
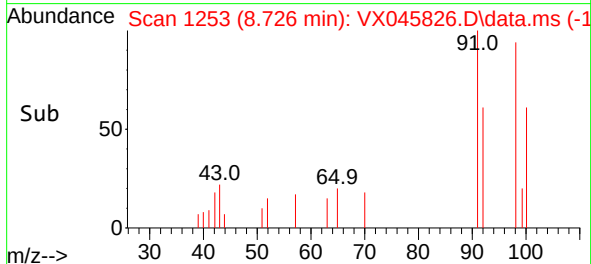
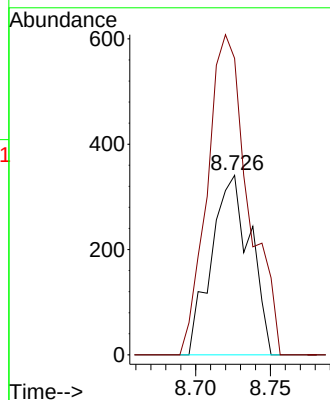
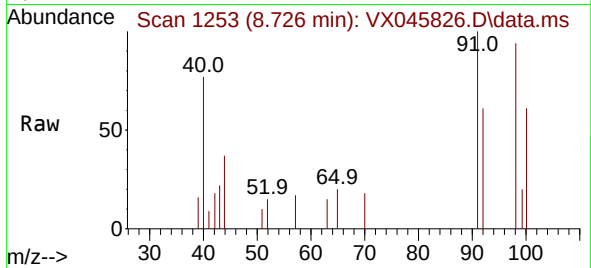
441

Tgt Ion: 92 Resp: 617

Ion Ratio Lower Upper

92 100

91 188.2 138.7 208.1



#59

2-Hexanone

Concen: 6.285 ug/l

RT: 9.439 min Scan# 1370

Delta R.T. 0.012 min

Lab File: VX045826.D

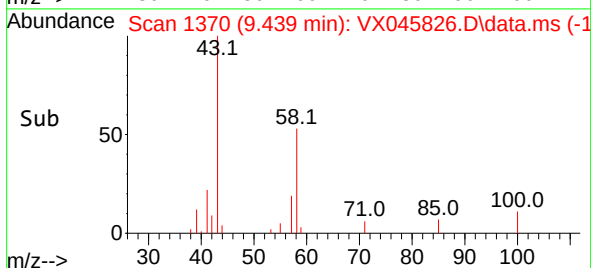
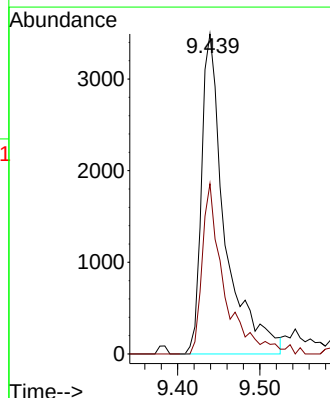
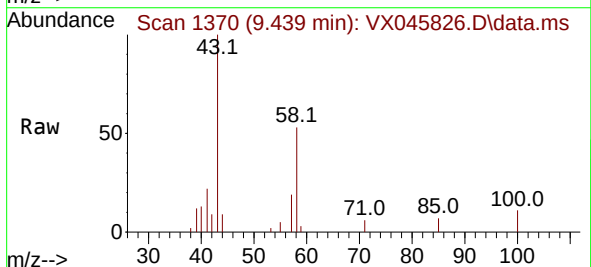
Acq: 17 Apr 2025 14:22

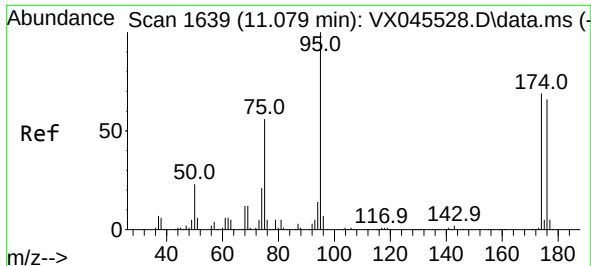
Tgt Ion: 43 Resp: 6913

Ion Ratio Lower Upper

43 100

58 49.6 24.9 74.6





#62

4-Bromofluorobenzene

Concen: 55.843 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045826.D

Acq: 17 Apr 2025 14:22

Instrument :

MSVOA_X

ClientSampleId :

441

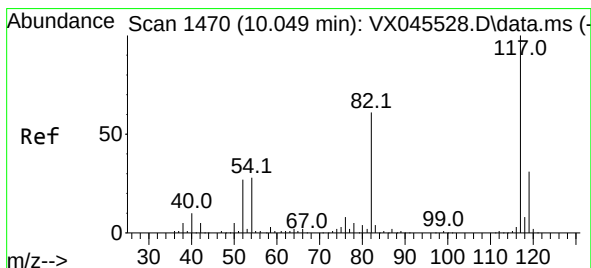
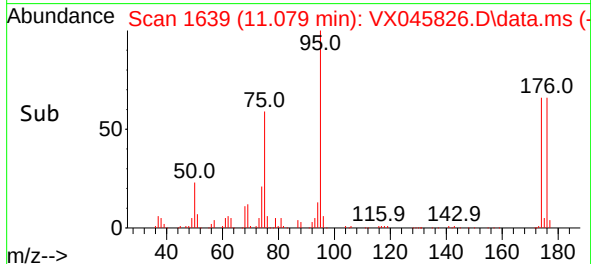
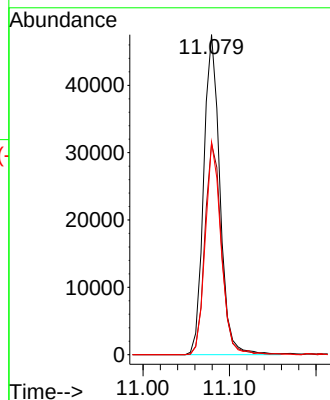
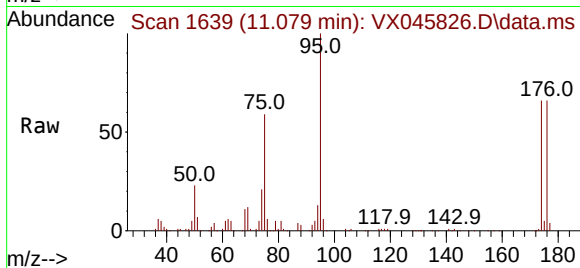
Tgt Ion: 95 Resp: 61687

Ion Ratio Lower Upper

95 100

174 67.5 0.0 135.8

176 65.1 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX045826.D

Acq: 17 Apr 2025 14:22

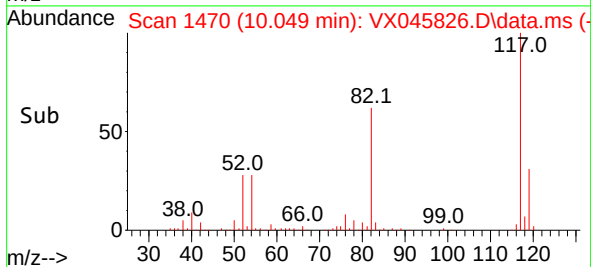
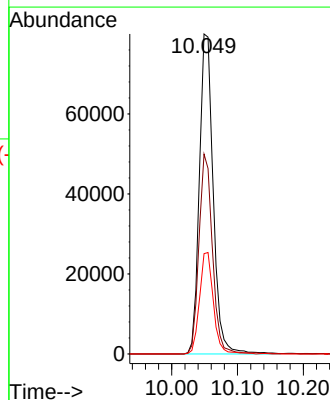
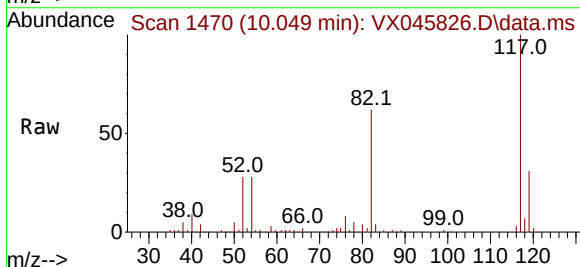
Tgt Ion: 117 Resp: 116871

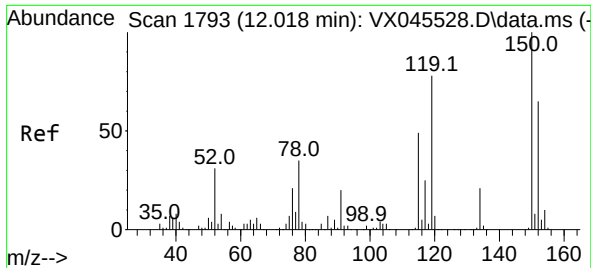
Ion Ratio Lower Upper

117 100

82 62.5 49.2 73.8

119 31.3 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045826.D

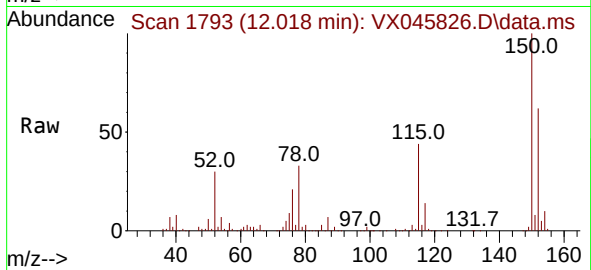
Acq: 17 Apr 2025 14:22

Instrument :

MSVOA_X

ClientSampleId :

441



Tgt Ion:152 Resp: 52291

Ion Ratio Lower Upper

152 100

115 66.5 46.9 140.7

150 158.2 0.0 349.4

